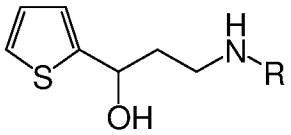
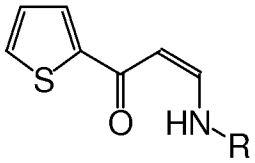
AMENDMENTS TO THE CLAIMS
Please add new Claims 10-17 as shown herein.

1. (Previously presented) A process for producing an *N*-monoalkyl-3-hydroxy-3-(2-thienyl)propanamine represented by General Formula (**2**):



(2)

wherein **R** is C_{1-4} alkyl, comprising the step of reducing a (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine, in the presence of a carboxylic acid, represented by General Formula (**1**):



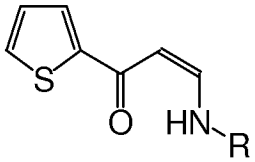
(1)

wherein **R** is as defined above.

2. (Original) The process according to Claim 1, wherein the (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine is reduced using sodium borohydride or sodium cyanoborohydride.

3. (Cancelled)

4. (Original) A (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine represented by General Formula (**1**):

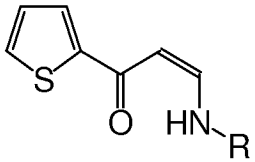


(1)

wherein **R** is C_{1-4} alkyl.

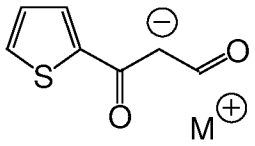
5. (Original) The (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine according to Claim 4, wherein **R** in General Formula (**1**) is methyl.

6. (Original) A process for producing a (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine represented by General Formula (**1**):



(1)

wherein **R** is C_{1-4} alkyl, comprising the step of reacting an alkali metal salt of β-oxo-β-(2-thienyl)propanal represented by General Formula (**3**):



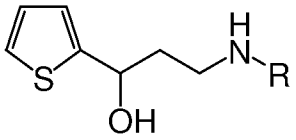
(3)

wherein M is an alkali metal atom, with a monoalkylamine compound represented by General Formula (**4**):

H_2N-R (4)

wherein **R** is as defined above.

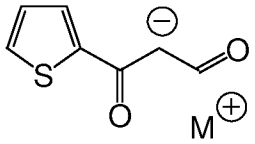
7. (Previously presented) A process for producing an *N*-monoalkyl-3-hydroxy-3-(2-thienyl)propanamine represented by General Formula (**2**):



(2)

wherein **R** is C_{1-4} alkyl, comprising the steps of:

reacting an alkali metal salt of β-oxo-β-(2-thienyl)propanal represented by General Formula (**3**):

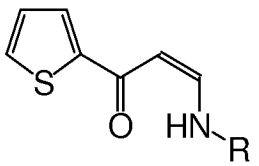


(3)

wherein M is an alkali metal atom, with a monoalkylamine compound represented by General Formula (**4**):

H_2N-R (4)

wherein **R** is as defined above, to give a (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine represented by General Formula (**1**):



(1)

wherein **R** is as defined above; and

reducing the (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine, in the presence of a carboxylic acid.

8. (Original) The process according to Claim 7, wherein the (*Z*)-*N*-monoalkyl-3-oxo-3-(2-thienyl)propenamine is reduced using sodium borohydride or sodium cyanoborohydride.

9. (Cancelled)

10. (New) The process according to Claim 1, wherein the reducing step of the process is conducted in a hydrocarbon solvent.

11. (New) The process according to Claim 10, wherein the hydrocarbon solvent is an aromatic hydrocarbon solvent.

12. (New) The process according to Claim 10, wherein the hydrocarbon solvent is selected from the group consisting of pentane, hexane, cyclohexane, heptane, benzene, toluene, and xylene.

13. (New) The process according to Claim 12, wherein the hydrocarbon solvent is toluene.

14. (New) The process according to Claims 6, wherein the monoalkylamine compound represented by General Formula (**4**):

$$H_2N\text{-}R \qquad (4)$$

is a hydrochloride salt or a sulfuric acid salt.

15. (New) The process according to Claim 14, wherein the monoalkylamine compound represented by General Formula (**4**):

$$H_2N\text{-}R \qquad (4)$$

is a hydrochloride salt.

16. (New) The process according to Claims 7, wherein the monoalkylamine compound represented by General Formula (**4**):

$$H_2N\text{-}R \qquad (4)$$

is a hydrochloride salt or a sulfuric acid salt.

17. (New) The process according to Claim 16, wherein the monoalkylamine compound represented by General Formula (**4**):

$$H_2N\text{-}R \qquad (4)$$

is a hydrochloride salt.